Knowledge_Center_Services

The caGrid Knowledge Center provides a suite of services to assist caGrid user community and help with caGrid development. The Knowledge Center is a comprehensive knowledge resource on caGrid to groups and communities within caBIG? and in other domains that are interested in learning about, adopting, and contributing to caGrid. In this role, the Center:

- Provides comprehensive documentation, tutorials, FAQs, and a knowledge base to meet self-service information needs of users and software developers. The documentation will also include lessons learned from caGrid adoption and information on caGrid-based solutions of scientific problems.
- Provides caGrid expertise and knowledge via collaboration with scientific projects to help project teams with caGrid adoption.
- Fosters a dynamic, active caGrid community by promoting knowledge sharing among community members via forums.
- Provides distribution of caGrid releases and source code.
- Maintains a Training Grid consisting of a small cluster for caGrid adopters to test Grid services.
- Provides a path for integrating caGrid community code contributions into caGrid through the <u>caGrid Incubator</u> platform. Promotes awareness and reuse of incubator projects and other community projects that use and extend caGrid.

The Knowledge Center web resources, including the wiki, forums, and code repositories, provide the foundation for caGrid community interaction. Major scientific efforts that are interested in leveraging the Grid to facilitate their research are encouraged to collaborate with the Knowledge Center.

Knowledge Center Collaboration

The collaboration process varies greatly depending upon your needs. A prototypical collaboration includes the following:

- 1. Work with you to identify how a caGrid-based approach can achieve your scientific aims.
- 2. Provide guidance and help with designing a caGrid-based architecture.
- 3. Provide guidance in designing caGrid services with functionality that meets the requirements of your project.
- 4. Provide guidance and help with leveraging caGrid core services and tools to implement your caGrid data and analytical services.
- 5. Provide guidance in testing and deploying your caGrid services.

For more information on the Knowledge Center collaboration process, please Contact Us.

Additional ESN Support Resources: On-Demand Technical Support

If you would like additional resources to help you implement custom software, install caGrid or other Grid-enabled software, and more please refer to the list of Support Service Providers: <u>Support Service Providers</u>